

Title (en)

METHOD FOR TREATING SURFACE OF ALUMINUM ALLOY

Title (de)

VERFAHREN ZUR OBERFLÄCHENBEHANDLUNG EINER ALUMINIUMLEGIERUNG

Title (fr)

PROCÉDÉ DE TRAITEMENT DE SURFACE D'ALLIAGE D'ALUMINIUM

Publication

EP 2942423 A1 20151111 (EN)

Application

EP 14861982 A 20140611

Priority

- KR 20130139920 A 20131118
- KR 2014005119 W 20140611

Abstract (en)

Disclosed is a method of surface-treating an aluminum alloy, including pretreating an aluminum alloy; immersing the pretreated aluminum alloy in an etching solution having a predetermined composition so that the surface of the aluminum alloy is etched, thus forming a transparent glossy film; subjecting the aluminum alloy having the transparent glossy film to anodic oxidation, thus forming an oxide film on the surface of the aluminum alloy; and post-treating the aluminum alloy having the oxide film.

IPC 8 full level

C25D 11/04 (2006.01); **C23F 1/20** (2006.01); **C23F 3/03** (2006.01); **C25D 11/16** (2006.01); **C25D 11/18** (2006.01); **C25D 11/08** (2006.01); **C25D 11/24** (2006.01)

CPC (source: EP KR)

C23C 22/34 (2013.01 - EP); **C23F 1/20** (2013.01 - EP); **C23G 1/125** (2013.01 - EP); **C25D 11/04** (2013.01 - KR); **C25D 11/16** (2013.01 - EP KR); **C25D 11/18** (2013.01 - EP KR); **C25D 11/08** (2013.01 - EP); **C25D 11/243** (2013.01 - EP); **C25D 11/246** (2013.01 - EP)

Cited by

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2942423 A1 20151111; **EP 2942423 A4 20151216**; **EP 2942423 B1 20190213**; CN 105026621 A 20151104; KR 101524822 B1 20150601; KR 20150057071 A 20150528; TW 201522710 A 20150616; WO 2015072640 A1 20150521

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